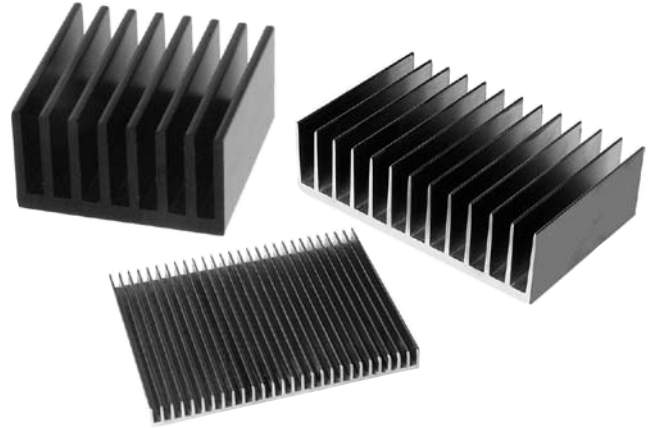


# AH Series

## Extrusion Heatsinks



### FEATURES

- Many other extrusion profiles available. Contact Ohmite with your requirements
- Multiple finishes available
- Modifications available: screw holes, bolt patterns, milling per customer specifications

### SERIES SPECIFICATIONS

Part	Width (in. - mm)	Height (in. - mm)	Base Thickness (in. - mm)	Weight (lb./ft. - kg/m)	R $\theta$ (°C/W)	Surface area (in. <sup>2</sup> /in. - mm <sup>2</sup> /mm)
AH33000	0.75 / 19.05	0.6 / 15.24	0.09 / 2.29	0.278 / 0.413	8	9.633 / 244.68
AH54100	0.94 / 23.88	0.41 / 10.41	0.06 / 1.52	0.262 / 0.389	6.2	11.49 / 291.85
AH80126	1.095 / 27.81	1.15 / 29.21	0.2 / 5.08	0.6 / 0.891	7.1	9.881 / 250.98
AH17500	1.5 / 38.10	0.44 / 11.18	0.09 / 2.29	0.42 / 0.624	4.8	26.539 / 674.09
AH10564	1.875 / 47.63	1 / 25.40	0.188 / 4.78	1.049 / 1.558	2.3	16.174 / 410.82
AH10551	1.92 / 48.77	1.25 / 31.75	0.25 / 6.35	1.08 / 1.604	3.8	18.005 / 457.33
AH40000	2.1 / 53.34	1 / 25.40	0.12 / 3.05	1.184 / 1.758	3.7	22.576 / 573.43
AH29300	2.28 / 57.91	0.38 / 9.65	0.06 / 1.52	0.466 / 0.692	3.6	14.274 / 362.56
AH10719	2.312 / 58.72	1.5 / 38.10	0.156 / 3.96	1.327 / 1.971	3	23.288 / 591.52
AH67200	2.892 / 73.46	1.062 / 26.97	0.306 / 7.77	1.855 / 2.755	3.1	22.315 / 566.80
AH48600	3 / 76.20	2.25 / 57.15	0.28 / 7.11	2.968 / 4.407	1.8	47.494 / 1,206.35
AH64100	3.12 / 79.25	1.25 / 31.75	0.312 / 7.92	2.125 / 3.156	2.7	24.613 / 625.17
AH80015	3.356 / 85.24	3.136 / 79.65	0.216 / 5.49	3.326 / 4.939	0.9	64.702 / 1,643.43
AH80000	3.5 / 88.90	0.85 / 21.59	0.2 / 5.08	1.432 / 2.127	2.2	24.973 / 634.31
AH12153	3.6 / 91.44	1.15 / 29.21	0.22 / 5.59	2.23 / 3.312	1.9	32.46 / 824.48
AH11600	3.682 / 93.52	0.774 / 19.66	0.1 / 2.54	1.18 / 1.752	2.2	26.8 / 680.72
AH16000	3.79 / 96.27	2 / 50.80	0.2 / 5.08	2.66 / 3.950	1.8	39.631 / 1,006.63
AH50600	3.924 / 99.67	1.21 / 30.73	0.215 / 5.46	2.34 / 3.475	1.7	33.27 / 845.06
AH12310	4.125 / 104.78	1.75 / 44.45	0.25 / 6.35	3.49 / 5.183	1.3	38.75 / 984.25
AH11958	4.4 / 111.76	1.32 / 33.53	0.22 / 5.59	2.846 / 4.226	1.6	42.936 / 1,090.57
AH32530	4.5 / 114.30	1.4 / 35.56	0.2 / 5.08	2.382 / 3.537	1.7	36.973 / 939.11
AH73900	4.527 / 114.99	0.733 / 18.62	0.149 / 3.78	1.692 / 2.513	1.6	49.614 / 1,260.20
AH13184	4.75 / 120.65	1.25 / 31.75	0.125 / 3.18	1.418 / 2.106	2	31.182 / 792.02
AH80125	4.8 / 121.92	2.22 / 56.39	0.22 / 5.59	3.947 / 5.861	1.4	64.95 / 1,649.73
AH14315	4.997 / 126.92	1.75 / 44.45	0.25 / 6.35	4.044 / 6.005	1.3	44.286 / 1,124.86
AH12700	5 / 127.00	0.49 / 12.45	0.12 / 3.05	1.4 / 2.079	2.4	29.3 / 744.22
AH80167	5 / 127.00	1.75 / 44.45	0.25 / 6.35	3.093 / 4.593	1.3	54.713 / 1,389.71
AH12118	5.5 / 139.70	2 / 50.80	0.25 / 6.35	4.11 / 6.103	1.2	55.664 / 1,413.87
AH13070	6.08 / 154.43	1.75 / 44.45	0.25 / 6.35	4.088 / 6.071	1.2	50.258 / 1,276.55
AH10578	6.5 / 165.10	1.6 / 40.64	0.2 / 5.08	3.558 / 5.284	1.3	54.414 / 1,382.12
AH61409	7.2 / 182.88	2.39 / 60.71	0.27 / 6.86	4.678 / 6.947	0.8	78.198 / 1,986.23
AH11945	7.34 / 186.44	1.312 / 33.32	0.312 / 7.92	5.042 / 7.487	1.1	61.861 / 1,571.27
AH10928	9.75 / 247.65	2.28 / 57.91	0.28 / 7.11	6.878 / 10.214	0.6	101.705 / 2,583.31
AH62430	12.25 / 311.15	2.3 / 58.42	0.3 / 7.62	10.3 / 15.296	0.6	96.972 / 2,463.09

### CHARACTERISTICS

**R $\theta$  (°C/W)** The thermal resistance is based on a 76 mm (3 inch) extrusion length in natural convection, black anodized finish, and 75°C mounting surface temperature rise.

**Material** Aluminum alloy 6063-T5

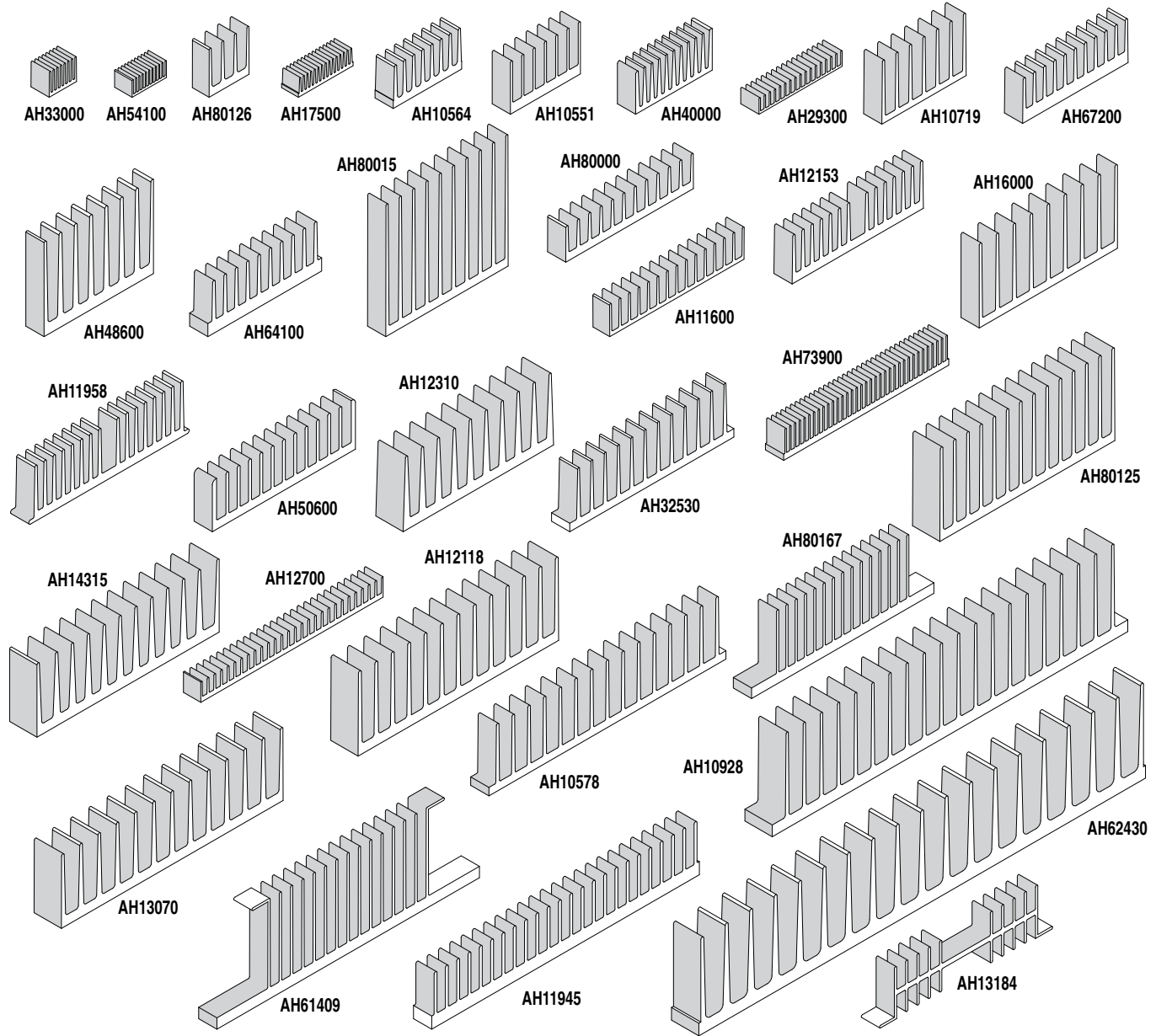
(continued)

# AH Series

## Extrusion Heatsinks

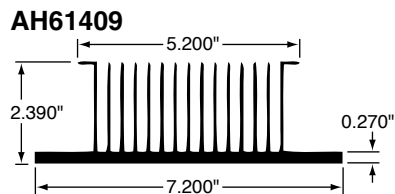
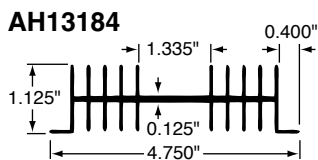
### EXTRUSION PROFILES

Not to scale. See chart for dimensions.



Not to scale.

### ADDITIONAL DIMENSIONS



### HOW TO ORDER

Series	Extrusion Style	Finish	Length (in.) to three decimals 12300 = 12.3"	Modification N = none X = consult factory for options
A	H	8	0	1
2	6	A	1	2
3	0	0	0	N
0				E

RoHS Compliant

A = black anodized  
C = gold chromate  
F = clear chromate  
G = green anodized  
K = clear anodized  
R = red anodized  
V = unfinished, degreased